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| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | Application Number | 10/026,110 | RECEIVED CENTRAL FAX CENTER MAY 17 2005 |
| | Filing Date | December 20, 2001 | |
| | First Named Inventor | Jill Cheng | |
| | Art Unit | 1631 | |
| | Examiner Name | Marjorie A. Moran | |
| Total Number of Pages in This Submission | 28 | Attorney Docket Number | 3420.1 |

| ENCLOSURES (check all that apply) | | |
|---|---|--|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply (23 pages) <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request (in duplicate) <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input checked="" type="checkbox"/> Drawing(s) (Replacement Fig. 4&5) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): |
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| Firm | Affymetrix, Inc. | | |
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| Printed Name | Leticia R. Block | | |
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MAY 17 2005

PATENT

Attorney Docket No. 3420.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Jill Cheng

Examiner: Marjorie A. Moran

Serial No: 10/026,110

Group Art Unit: 1631

Filing Date: December 20, 2001

Title: Integrated System for Gene
Expression AnalysisCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450AMENDMENT/ RESPONSE

Sir:

In reply to the Office Action mailed November 17, 2004, Applicants respectfully request reconsideration of the pending rejections and reexamination of the present application in view of the following remarks.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 8 of this paper.

Amendments to the Abstract begin on page 14 of this paper.

Amendments to the Drawings begin on page 15 of this paper.

Remarks/Arguments begin on page 16 of this paper.

An Appendix including amended drawings figures is attached following page 23 of this paper.